

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021397.D
 Acq On : 15 Dec 2021 18:18
 Operator : SY/VA
 Sample : M5101-17
 Misc : 5.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 01:01:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

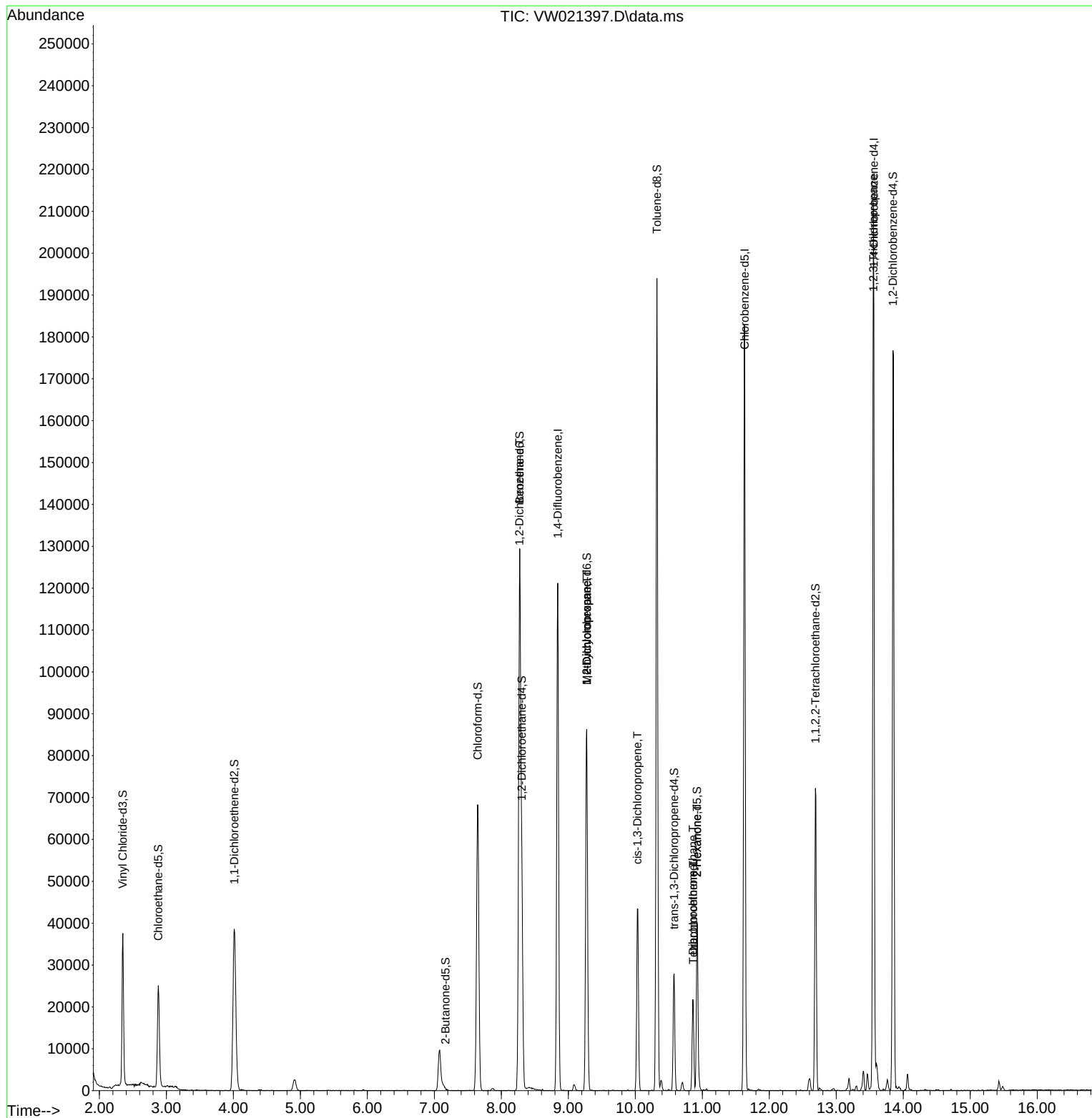
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103777	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54507	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34568	18.289	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.160%		
7) Chloroethane-d5	2.879	69	28341	22.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.720%		
11) 1,1-Dichloroethene-d2	4.013	63	36923	14.653	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.600%		
21) 2-Butanone-d5	7.165	46	121	0.454	ug/L	0.09
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.900%#		
24) Chloroform-d	7.647	84	68127	23.557	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.240%		
26) 1,2-Dichloroethane-d4	8.305	65	38322	24.911	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.640%		
32) Benzene-d6	8.275	84	126885	23.005	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	9.274	67	36483	24.664	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.640%		
41) Toluene-d8	10.323	98	122204	21.685	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.720%		
43) trans-1,3-Dichloroprop...	10.579	79	15066	22.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.480%		
47) 2-Hexanone-d5	10.920	63	13612	62.230	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.460%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32723	25.734	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.920%		
66) 1,2-Dichlorobenzene-d4	13.847	152	48624	23.018	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.080%		
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.268	62	853	0.531	ug/L #	77
35) Methylcyclohexane	9.274	83	10224	4.028	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4874	3.986	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1346	0.698	ug/L	86
46) Tetrachloroethene	10.866	164	4898	3.351	ug/L	88
48) 2-Hexanone	10.920	43	2281	4.721	ug/L #	66
49) Dibromochloromethane	10.860	129	4092	3.317	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	6214	7.833	ug/L #	67

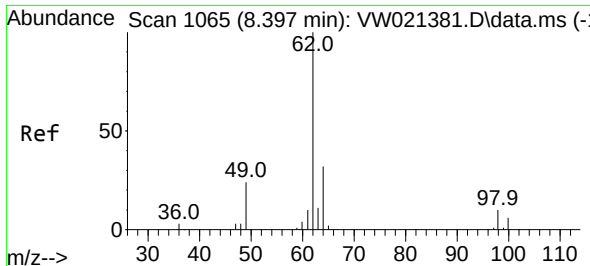
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.531 ug/L

RT: 8.268 min Scan# 1044

Delta R.T. -0.128 min

Lab File: VW021397.D

Acq: 15 Dec 2021 18:18

Instrument :

MSVOA_W

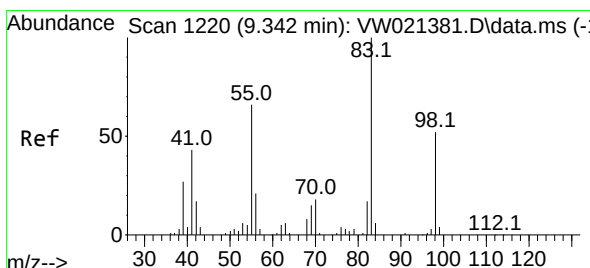
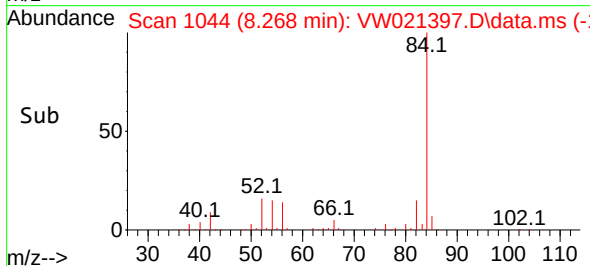
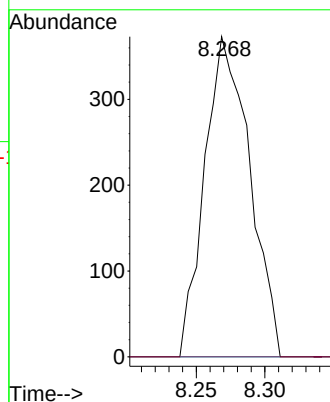
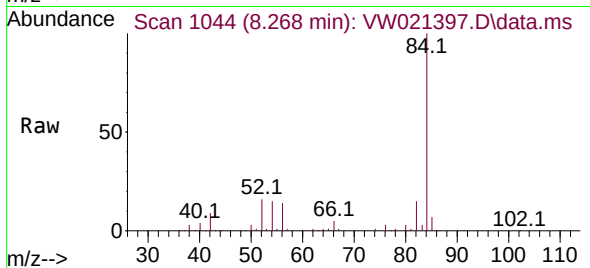
ClientSampleId :

Tgt Ion: 62 Resp: 853

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#35

Methylcyclohexane

Concen: 4.028 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.067 min

Lab File: VW021397.D

Acq: 15 Dec 2021 18:18

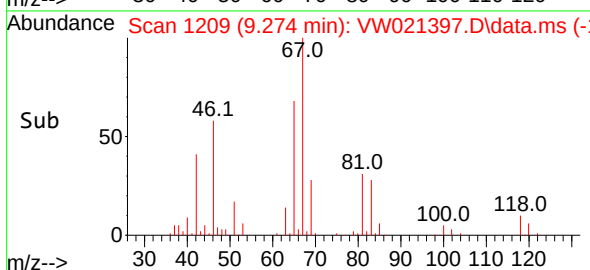
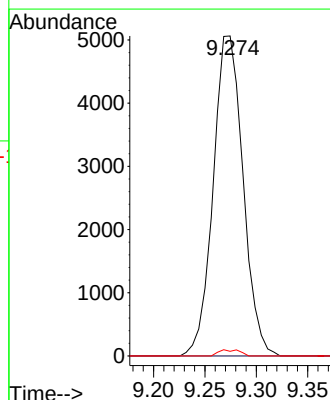
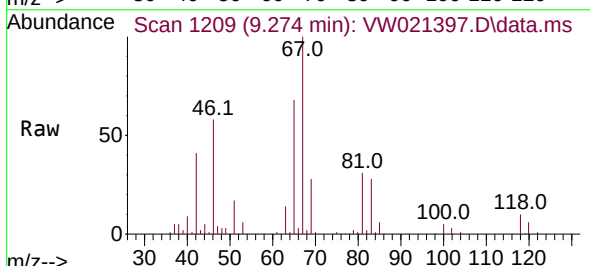
Tgt Ion: 83 Resp: 10224

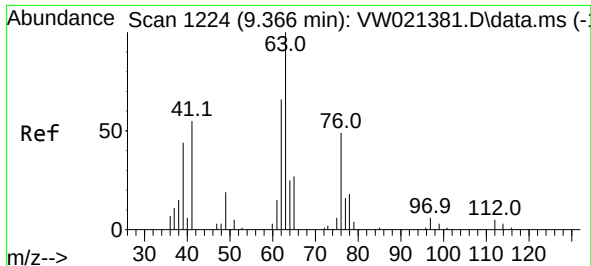
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.3 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.986 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021397.D

Acq: 15 Dec 2021 18:18

Instrument :

MSVOA_W

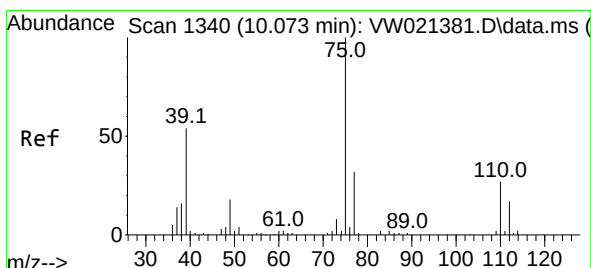
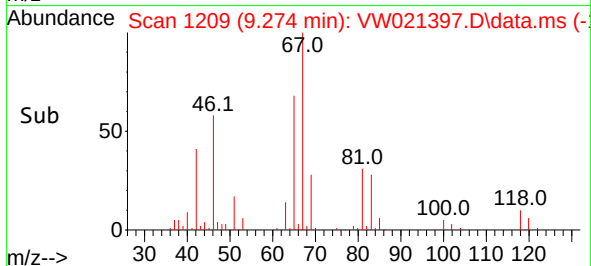
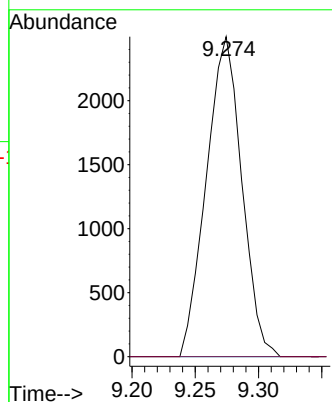
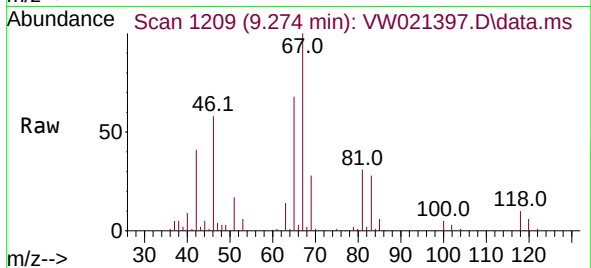
ClientSampleId :

Tgt Ion: 63 Resp: 4874

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021397.D

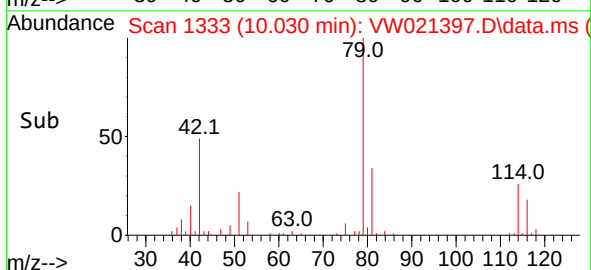
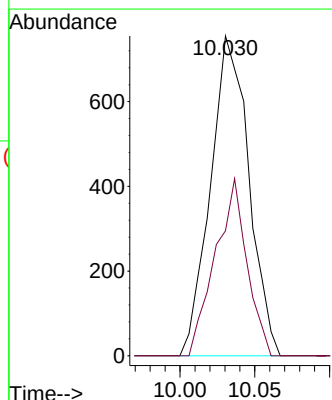
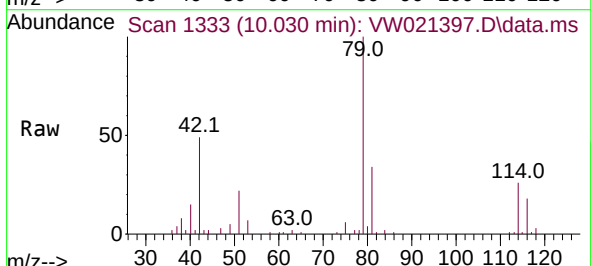
Acq: 15 Dec 2021 18:18

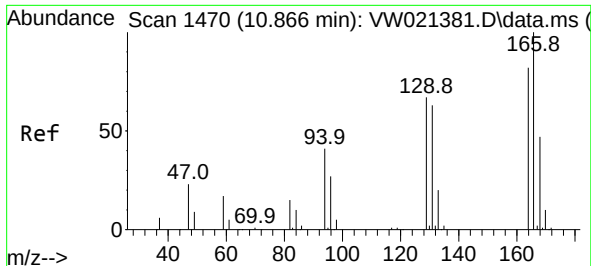
Tgt Ion: 75 Resp: 1346

Ion Ratio Lower Upper

75 100

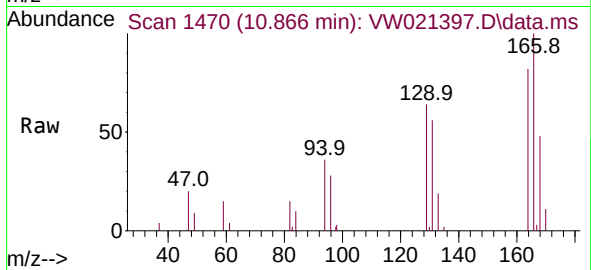
77 39.1 21.8 40.6





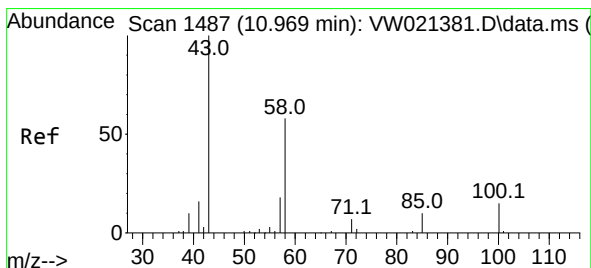
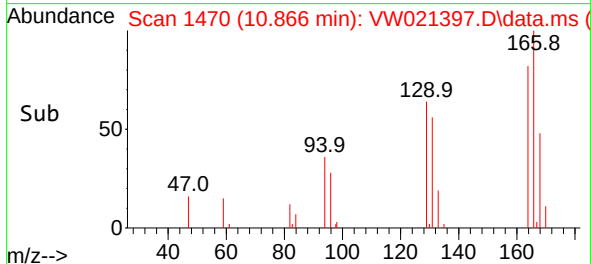
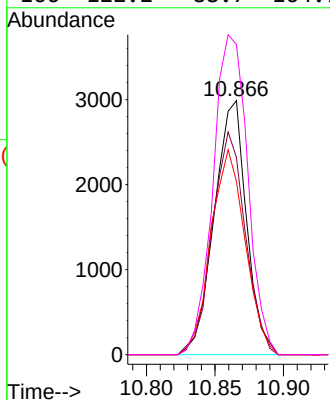
#46
Tetrachloroethene
Concen: 3.351 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021397.D
Acq: 15 Dec 2021 18:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 4898

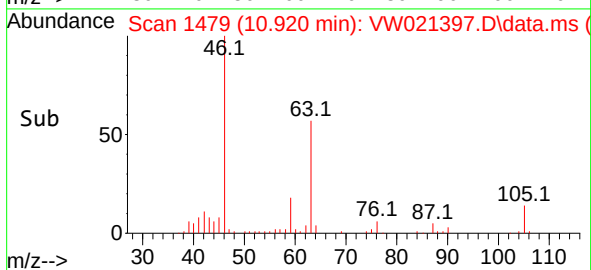
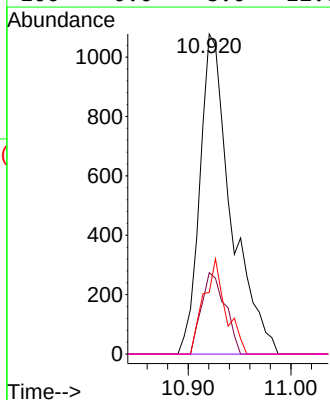
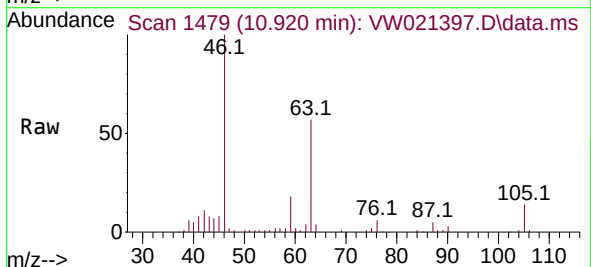
Ion	Ratio	Lower	Upper
164	100		
129	77.7	65.5	121.7
131	68.2	59.7	110.9
166	122.2	88.7	164.7

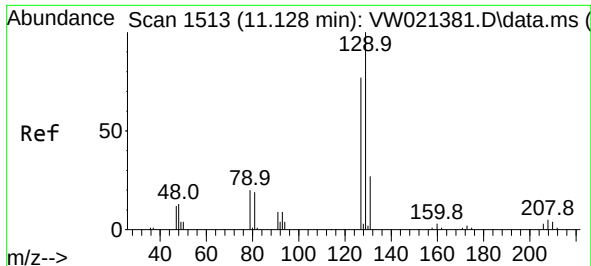


#48
2-Hexanone
Concen: 4.721 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021397.D
Acq: 15 Dec 2021 18:18

Tgt Ion: 43 Resp: 2281

Ion	Ratio	Lower	Upper
43	100		
58	19.3	40.2	60.2#
57	20.8	14.3	21.5
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 3.317 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021397.D

Acq: 15 Dec 2021 18:18

Instrument :

MSVOA_W

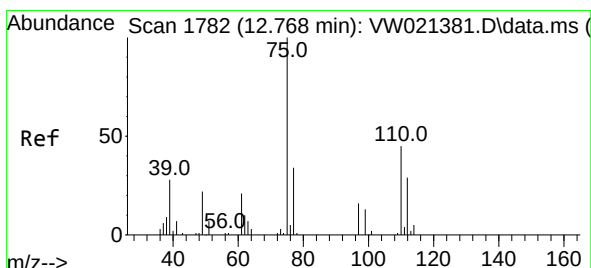
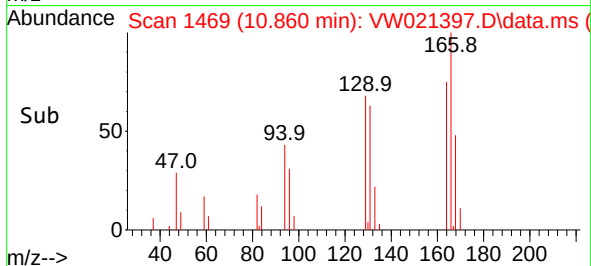
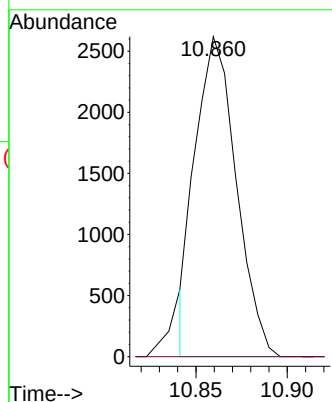
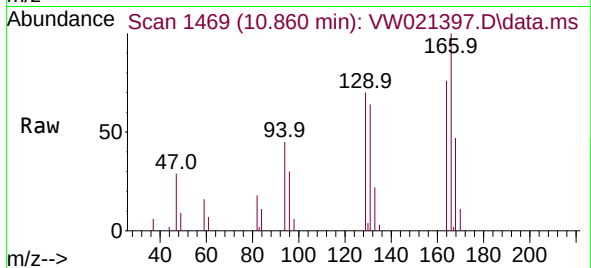
ClientSampleId :

Tgt Ion:129 Resp: 4092

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.833 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021397.D

Acq: 15 Dec 2021 18:18

Tgt Ion: 75 Resp: 6214

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

110 3.0 29.0 43.4#

